

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [5780] 49-er QSOs = 2!!
Message-ID: <Pine.3.89.9603171226.A22033-0100000@netcom4>

I am pleased to report my second 49-er QSO (with a new state!)::

17 Mar 96 1910Z WA6BXV, Novato, CA 365mi @ approx 0.2W = about 1825 mpw

Band conditions must have been good because he gave me a 589 -- he was 599 all the way, tho he reported some QSB. The 9v battery is starting to slip (now about 8v under load). Stay with it all you 49-er owners!

Best 73/72, de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [5781] Audio filters
Message-ID: <199603172210.RAA14941@mh004.infi.net>

Alright, gang,

Give me your opinion, based on experience. I'm thinking about an active audio filter for CW. Something with a bandwidth of maybe 750Hz, maybe 1000Hz. Now if I had such a filter, would there be an advantage to having a tunable notch filter also? Has anyone tried this? Is there any point to it? (is a 750Hz filter narrow enough to make a notch filter redundant?)

Thanks for the help.

CUL,

Bob Kellogg, AE4IC
Probably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: Pete Meier WK8S <pmeier@sun.tir.com>

Subject: [5774] Cascade for sale
Message-ID: <314C1BEF.2A0F@tir.com>

I have a Cascade for sale. It needs the finishing touches to complete it. I'll include the RS Speaker/mic and mica caps for the 75 meter modification(for higher power out). Kit is built and running and receiving well. Case not painted and board not in case. Construction was done slowly and carefully and passed all tests. Modules and main board need final tweaking for optimization. Reason selling: Don't have time for right now nor will have as we slide into summer with my kids and their sports. If I find time to operate it is usually cw anyway. Please email me with reasonable offers over \$150.

Pete

--

Member of ARRL, ARCI, MI-QRP, NORCAL, NE-QRP, G-QRP, CQC
Pete Meier WK8S Email: pmeier@tir.com
Waterford, Michigan USA

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: Rich Mulvey <mulveyr@vivanet.vivanet.com>
Subject: [5777] Click on Sierra sidetone
Message-ID: <199603171638.LAA06077@ll.aa2ys.ampr.org>

Hello All:

My (original Norcal) Sierra has developed a noticable click in the sidetone when the key is released. It doesn't appear to be a function of the transmitted signal, since the click isn't appearing on a receiver I used to monitor it. When the keying speed gets above about 25wpm, the 500hz sidetone is almost completely swamped by the clicking.

Any suggestions on what I can look at to start solving the problem?

Thanks,
- Rich

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: bill@techline.com (Bill Todd-N7MFB)
Subject: [5779] CORRECTION (oops)
Message-ID: <199603171741.JAA14986@wishkah.techline.com>

--===== _827080604==_

Content-Type: text/plain; charset="us-ascii"

--=====827080604==_

Content-Type: text/plain; charset="us-ascii"

Content-Disposition: attachment; filename="RESULTS"

News Headline: "Scientists Discover Brain Disorder in Washington"

Hello gang...

I have got to make it a "policy" NOT to send messages to 500 people at once at 1:30AM. Something about diminished brain function...

Yesterday, I asked Brian (KV9X) for the proper method of addressing a message to all subscribers to the QRP-L forum {Brian runs the NW QRP Club Home Page in case you didn't know}. His answer was straightforward, but he also mentioned that I would be mailing messages to 500 people at once.

At the time I thought it was kind of odd that he would mention that... I am now convinced that he has psychic powers.

- - - - -

Just to correct the record. we did NOT have a January contest. The contest was in February. So if you still have not submitted your February NW QRP Club contest log, please E-Mail it to me sometime this week.

Thanks - Bill, N7MFB ^ ^ NW QRP #1, CO-QRP #43, NE-QRP #63,
 0 0 MI-QRP #1109, ARCI #6802
 @
 ___/

PS Brian...do you have any "feelings" about the lottery numbers?

--=====827080604==_

Content-Type: text/plain; charset="us-ascii"

Bill Todd - N7MFB A Subscriber at Techline

--=====827080604==_--

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: Mark E Gustoff <Mark_E_Gustoff@ccm.ch.intel.com>
Subject: [5786] FS: CASCADE -\$100

Selling Cascade Transceiver for 80M & 20M.
Price is low as unit receives great on both bands,
BUT can't get the transmit section working good.
After countless hours trying, I'm calling it quits
and moving on to other projects.

As an FYI, the rig does transmit, as I can hear it
on my big transceiver, but it isn't loading into
an antenna or dummy load with low SWR. Output
impedance is suspect as it seems to reflect as much
power as it sends forward.

First \$100 gets it; shipped to your door inclusive
of case (unpainted), 2 band modules and manual. If I have
no takers on the whole unit, I'll take offers from anyone
desiring the excellent case it is housed in, and/or the band
modules.

73, de W07T/QRP
Mark

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: n7rat@primenet.com (John P. Robinett)
Subject: [5770] HW-9 Wanted
Message-ID: <199603170524.WAA21802@usr2.primenet.com>

I'd like to find an HW-9. I noticed that one was available but sold before I
could get to it. Does anyone know of another one for sale? Condition is
important but operational is vital.

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: vhatley@usa.pipeline.com (Vernon A. Hatley)
Subject: [5784] New QRP level???
Message-ID: <199603172222.RAA28385@pipe4.h1.usa.pipeline.com>

I heard a guy on 14.06 the other night sending CQ QRP, CQ QRP, so I
reached up and turned the 735 down to 3 watts and answered him. He was in
New Jersey and gave me a 549; not great but acceptable. I told him I was

running 3 watts and he come back and tells me his "QRP" rig is a TT Scout;
no problem except he was running 50 watts out!!! I asked for a repeat;
thought maybe I had copied it wrong. Nope; 50 watts. I guess he thought
if you were under 100 watts then you were QRP. :-)

Chuck, does this mean the FOXes can run 50 watts next year and still
be QRP? ;-)

--

KK5RO Butternut Vertical
Vernon A. Hatley Oak Hills Explorer II
46 states - 40 countries

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: bill@techline.com (Bill Todd-N7MFB)
Subject: [5771] NW QRP Club January Contest
Message-ID: <199603170708.XAA03969@wishkah.techline.com>

--=====827042615==_
Content-Type: text/plain; charset="us-ascii"

--=====827042615==_
Content-Type: text/plain; charset="us-ascii"
Content-Disposition: attachment; filename="CONTEST"

>From the NW QRP Club

RE: The January NW QRP Club Sprint

Hi Folks -

I was talking with Stan, KG7ME (the Club's Contest Editor) this evening.
He said that he was forwarding the log results to me from our recent
contest.

He mentioned that there were some call areas which were not represented;
meaning that there are still some call areas that would be "open" for
awards...even if the QRPer had a less-than-spectacular score!

I will not have the Contest scores until tomorrow, so I am not sure which
call areas are not "open". If any of you QRP-Lers participated in the
January NW QRP Club Contest and felt your score was "too low" to be a
contender, take another look, and E-Mail your score to me ASAP.

Here is the address: bill@techline.com

Thanks & 72/73

CUL, Bill (N7MFB)
NW QRP Club "NWQ" Editor

--=====827042615==_
Content-Type: text/plain; charset="us-ascii"

Bill Todd - N7MFB A Subscriber at Techline

--=====827042615==_--

From owner-qrp-l@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: launerb@crl.com (William H. Launer)
Subject: [5787] On-line Catalog
Message-ID: <v01520d00ad7271a5ce93@[192.0.2.1]>

qrp-l gang,

I've not had any dealings with Digi-Key for a long time. I've seen postings both pro and con about the company. Like nearly everyone else, I get their catalogs and promptly misplace them. They now have their catalog on the web - the address is <<http://www.digikey.com>>. I looked at it tonight, and it looks like a good reference. The part number search feature gives a simple description of the item.

For what it's worth....
72/73 Bill wb0cld

Bill Launer
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551

From owner-qrp-l@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5778] QRP-L Numbers
Message-ID: <199603171735.RAA07467@chuck.dallas.sgi.com>

Gang,

A reminder:

Like other clubs you can get a unique number (which you can add to your growing list of membership numbers if you belong to a lot of clubs) for the qrp-l mail group.

You first have to belong to qrp-l, which you will already have done since you are getting this message unless you are getting it second hand.

Send to `LISTSERV@LEHIGH.EDU` within the body of the message (no subject is required)

`RUN QRP-L X GETNR callsign`

where "callsign" is your call. So mine would look like

`RUN QRP-L X GETNR K5FO`

This group is over three years old and has been on three different providers, so there was no way to recreate the order in which individuals came into the group. Software evolved over the years and came into being. So the numbering isn't all that important, but having one is important.

For those going to Dayton and later in the year you will need a number, so please take the time now to get a number. There will probably come a time when you will be randomly issued a number so that after that time each new subscriber will automatically be issued a number to maintain a somewhat chronological order and cut down on overhead of having each individual do it. I know some of you hate being given a number (probably more like dislike it) but it will be done. The number is permanent and unsubscribing will not remove you from the numbered list. This prevents coming back in to get a "preferred" number. Sorry no vanity licensing program here.

Just a reminder.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: bhopkins@polarnet.com (Bruce Hopkins)
Subject: [5782] Web Page Test
Message-ID: <v01530500ad723d6a2c01@[204.119.24.164]>

Hi Gang,

I have been working on a Web Page and would appreciate anyone with the time to go surfing taking a bleary-eyed squint at it and letting me know how it plays outside of Alaska... I have put several pictures of QRP related equipment in it and would appreciate knowing if the download seems slower than what you are used to on other servers... I'am not trying to duplicate effort here just trying to get my feet wet in HTML and then let the page evolve hopefully into something of interest and value to others... Many of the pages and features are not fleshed out... Would appreciate any comments and suggestions...

Page Location: <http://www2.polarnet.com/~bhopkins>

72/73/oo's - Bruce * KL7JAF

QRP-L #380 QRP-ARCI #9061 G-QRP #9181
Norcal #???? ISSB #14548
McPig #003 TFO - 359
E-Mail: bhopkins@polarnet.com
BBS: KL7JAF@KL7GNG.#NAK.AK.USA.NOAM
Snail Mail: B. Hopkins / P.O. Box 10079 / Fairbanks, AK. / 99710

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: blombard@iu.net (Bob Lombardi)
Subject: [5775] [5704] RE: Litz wire and RF
Message-ID: <199603171446.JAA25058@bb.iu.net>

Well, it may be late for this, but...

>Date: Fri, 15 Mar 1996 9:34:28 -0500 (EST)
>From: JEVERHART@cayman.vf.mmc.com
>To: aero@napanet.net
>Cc: qrp-1@Lehigh.EDU, jeverhart@cayman.vf.ge.com
>Subject: [5704] RE: Litz wire and RF
>Message-ID: <960315093428.23e5bd01@carib.vf.mmc.com>

stuff deleted....

>I hate to harp on the old-timer's theme of the good old days, but here goes
>anyway. :-).

>Way back when, in the fifties and sixties, learning about radio and
>electronics included a fair amount of historical perspective. A quick check of
>our current company library (Lockheed Martin - descendant of RCA), showed few
>references to variometers. I couldn't even find a copy of Terman's Radio
>Engineering! Alas the history of radio like the history of everything else
>these days is evidently a low priority :-).

>

>By the way, for those who want to read more about Litz wire and its uses, I
>recommend one book that IS still in the library - VLF Radio Engineering by
>Watt. It should be in any good technical library (at least one that has been
>in existence for more than a few years). Lots of other stuff in there that's
>neat, too, although some of the math and theory can be intimidating. Shucks,
>how many of us are there who still remember the Radiotron Designer's
>Handbook? I bet Bill Gates never heard of it! (Oops, no flames, please, I'm
>just kidding :-) :-)

>72/73,

>Joe E., N2CX

I have a copy of Terman's Radio Engineering, (c) 1947. Paid \$1 for it. A prior owner proudly marked it with the date he bought it, 8 months after I was born. I also have a pretty good selection of other books, though all of them aren't as old as this.

The point is that I live in a fairly small city (pop. around 100,000), but I've gotten many of these books from library surplus sales. People with books like Terman often donate them to libraries and the libraries decide to sell them because they already have a copy, or they think that they're too old. Our city library has a "Friends of the Library" sale of these books several times per year.

I also always scrounge for books at hamfests and other places. A couple of

weeks ago, at the Orlando Hamcation, I got the last good edition of the ITT Handbook for Radio Engineers, and Tremaine's Audio Cyclopedia for a buck a piece.

But your point about modern companies is well taken. The company I work for (for the next week or so) has thrown out its RF and Antennas library so that they could make another meeting room. In a building where 40% of the offices are empty. Why should we bother with that stuff? It's old information. Surely everything has changed since then!

Well, pardon the rambling, but you hit a "button". I'm a confirmed bibliophile, and seeing companies ignore great old works like these rips my heart out.

73,
Bob

(My wife and I already have a fundamental agreement that a house can never contain too many radios or telescopes. That probably includes books, too.)

Bob Lombardi	WB4EHS in Melbourne, FL	o	\---\---\
blombard@iu.net	or blombard@freenet.fsu.edu	/\	
Telescope making, optics, astronomy, piano, bicycling	- \ 7	& radio	
I've run out of things I can say in 4 lines.	(*)/(*)		

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: Steven Wilson <randyw@crl.com>
Subject: [5783] Re: Audio filters
Message-ID: <Pine.SUN.3.91.960317141302.13707B-100000@crl3.crl.com>

Bob, I have a DaTong FL-3 audio filter that has these features. It is one of the best CW/SSB filters that I have ever used. You can adjust the center frequency, bandwidth for the peaking plus it also has a notch that you can move through the bandpass. The FL-3 also has an automatic notch for carriers within the bandpass (great for SSB). The FL-2 does not have the automatic notch feature. I have seen the FL-2's go for under \$75 on packet. DaTong is or was a British company. I ordered mine direct from them 6 or 7 years ago. I believe it is still equal or better than any of the DSP filters that I have seen on the amateur market. Many of these were given away, etc when everyone started using the DSP's. Try your best to find one. DaTong Electronics Ltd, West Park, Leeds LS16 6QE,

Telephone in the past was (0532) 744822 Great Britian

Now if you can not find a FL-2 or FL-3 the next best filter is the W3NQN design in the ARRL handbook. I think you can still buy the parts for about \$20 from w3nqn. These are great for QRP. Passive design, sharp with very low ringing. Greap for portable operation. I am using mine with the 49er at the moment.

I also have a notch filter built-into my Cubic Astro 103BX and use it all the time on CW. Yes a notch in addition to a bandpass is a good item for CW operation.

de stan ak0b

On Sun, 17 Mar 1996, BOB KELLOGG wrote:

> Alright, gang,
>
> Give me your opinion, based on experience. I'm thinking about an active
> audio filter for CW. Something with a bandwidth of maybe 750Hz, maybe
> 1000Hz. Now if I had such a filter, would there be an advantage to having a
> tunable notch filter also? Has anyone tried this? Is there any point to
> it? (is a 750Hz filter narrow enough to make a notch filter redundant?)
>
> Thanks for the help.
>
> CUL,
>
>
> Bob Kellogg, AE4IC
> Prolably, but not nececelery. - Benny Hill
>
>
>

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [5772] Re: coax balun
Message-ID: <Pine.SOL.3.91.960317070618.13293E-100000@utkux4.utcc.utk.edu>

On Sat, 16 Mar 1996 TGordish@aol.com wrote:

> Is it possible to make a balun by coiling up 50 ohm coax so that it will be
> better mached to a dipole? If so, how many turns at what diameter?
>
> Tim Gordish

> TGordish@aol.com
> NorCal ARRL IDEA
>
Tim:

Coiling coax will form a choke that tends to keep RF off the remaining segment of coax to the rig, off the outside of the braid, that is. The result is that the outside of the braid does not act like an additional antenna element. These chokes are sometimes called "choke baluns" but have no effect on the impedance; hence, some call them 1:1 choke baluns. However, their chief function is to keep the outside of the coax feedline from acting like an extra antenna element, which in turn permits your antenna to radiate more like you expect it to. Ferrite bead chokes, sometimes called W2DU 1:1 choke baluns, do the same work with less coax, hence, less loss in the line--which is not significant until you get well up in frequency. Neither of these devices change the impedance match situation.

There are balun and unun designs, some available from Amidon, for 1:1.4 matching (50 to 70 ohms), but whether the difference between 1:1 and 1:1.4 SWR is significantly worth the expense is dubious.

Hope this info is useful to you.

-73-
LB, W4RNL

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: KFGlynn@aol.com
Subject: [5776] Re: coax balun
Message-ID: <960317095426_353753087@emout04.mail.aol.com>

I have two antennas with coax chokes. A portable 30M dipole and my 40M dipole for home use.

I made a coax choke per ARRL Ant Book for my R5 vertical. It threw the resonant freq way off on most bands. Especially 20M which is my favorite band with the antenna. I assume the coax choke was in the near field and everything underneath the antenna - like the choke was affecting the tuning? Coupling? Wonder what full-size radials (4 cut for 20M) would do?

I have the Amidon catalog and will go with the beads for the coax instead. I have some TVI with this antenna and want to see if this will help any. Do you think it's cheaper to go with beads for RG-58 or RG-8? I'm feeding the

ant with RG-8, so I guess it makes more sense to go with beads for RG-8 and tape them right at the feedpoint.

Tnx

73 Kevin KB2TE0

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: prvalko <prvalko@oakland.edu>
Subject: [5789] Re: New QRP level???
Message-ID: <Pine.OSF.3.91.960317220738.20604D-100000@vela.acs.oakland.edu>

On Sun, 17 Mar 1996, Vernon A. Hatley wrote:

> I heard a guy on 14.06 the other night sending CQ QRP, CQ QRP, so I
...
> New Jersey and gave me a 549; not great but acceptable. I told him I was
> running 3 watts and he come back and tells me his "QRP" rig is a TT Scout;
> no problem except he was running 50 watts out!!!

Hey Vern! (GOSH, I've always wanted to say that!)

Settle down :-)) He was CALLING cq qrp. That means he was FISHING for a QRP QSO, not unlike a "DXer" bellowing, "CQ DX!" Doesn't mean the DXer *is* "DX" per se, he's just *looking*.

73! =paul= wb8zjl

p.s. Check it out folks, smilies and emphasis astrisks in the same paragraph, I'm goooooood at this business.

From owner-qrp-1@Lehigh.EDU Sun Mar 17 22:06:44 1996
From: Ed DeBuvitz <edeb@indirect.com>
Subject: [5785] Re: Q's on K4TWJ's book
Message-ID: <Pine.BSD/.3.91.960317182720.19312A-100000@bud.indirect.com>

On Sun, 17 Mar 1996, chuck adams wrote:

>
> 6. Not to slight anyone, Ed deBuvitz, W5TTE, in Albuquerque NM is

> on page 20. He too is a contributor to this group. Hi Ed.

>

Hi Chuck...thanks for the mention. I've known Dave since about 1967 when I was a radio talk show host in Birmingham. He's a great guy who will take time to help anyone who asks and loves QRP.

CU at Hamcomm...

Ed W5TTE

>

>

From owner-qrp-l@Lehigh.EDU Sun Mar 17 22:06:44 1996

From: kd7s@valleynet.com (Bill Jones)

Subject: [5788] Re: QRP-L Numbers

Message-ID: <199603180309.TAA22052@valleynet.com>

Hi Chuck,

I am reading between the lines and can't help but wonder if there some secret thing in the works for the "static season" because you wrote:

>For those going to Dayton and later in the year you will need
>a number, so please take the time now to get a number.

It's the "later in the year" thing that has me going.

=====

Bill Jones - KD7S <><

QRP-L Member #85

Sanger, California

Reply to kd7s@valleynet.com

=====